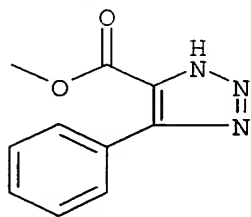


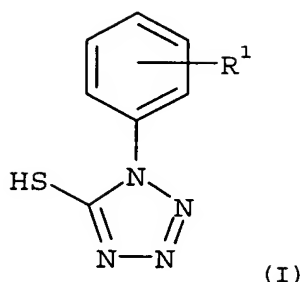
## WE CLAIM:

1. A substantially light-insensitive black and white monosheet thermographic recording material comprising a support and a thermosensitive element, said thermosensitive element containing a substantially light-insensitive organic silver salt, an organic reducing agent therefor in thermal working relationship therewith, a binder and at least one stabilizer selected from the group consisting of 1-phenyl-5-mercaptotetrazole compounds in which said phenyl group is substituted with a substituent containing an optionally substituted aryl group; and



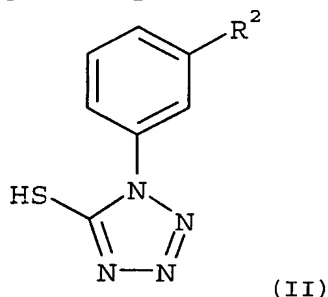
2. Substantially light-insensitive black and white monosheet thermographic recording material according to claim 1, wherein said substituent for said phenyl group is selected from the group consisting of -NHCO-phenyl, -NHCO-(1-naphthyl), -NHCO-(2-naphthyl), -NHCONH-phenyl, -NH<sub>2</sub>SO<sub>2</sub>-phenyl, -NH<sub>2</sub>SO<sub>2</sub>-(1-naphthyl), -NH<sub>2</sub>SO<sub>2</sub>-(2-naphthyl), -SO<sub>2</sub>NH-phenyl, -CONH-phenyl, -CONH-(1-naphthyl), -CONH-(2-naphthyl), -NHCO-(2-thienyl) and -NHCONHCO-phenyl groups.
3. Substantially light-insensitive black and white monosheet thermographic recording material according to claim 1, wherein said optional substituent for said aryl group is selected from the group consisting of halogen atoms, ester groups, -OCOO-alkyl groups, -NHCOO-alkyl groups, -NHOC-alkyl groups, -CONH-alkyl groups, -S-alkyl groups and mercapto, alkyl, alkoxy, nitrile, acyl and nitro groups.
4. Substantially light-insensitive black and white monosheet thermographic recording material according to claim 1, wherein said 1-phenyl-5-mercaptotetrazole compound in which said phenyl group is substituted with a substituent containing an optionally substituted aryl group is represented by formula (I):

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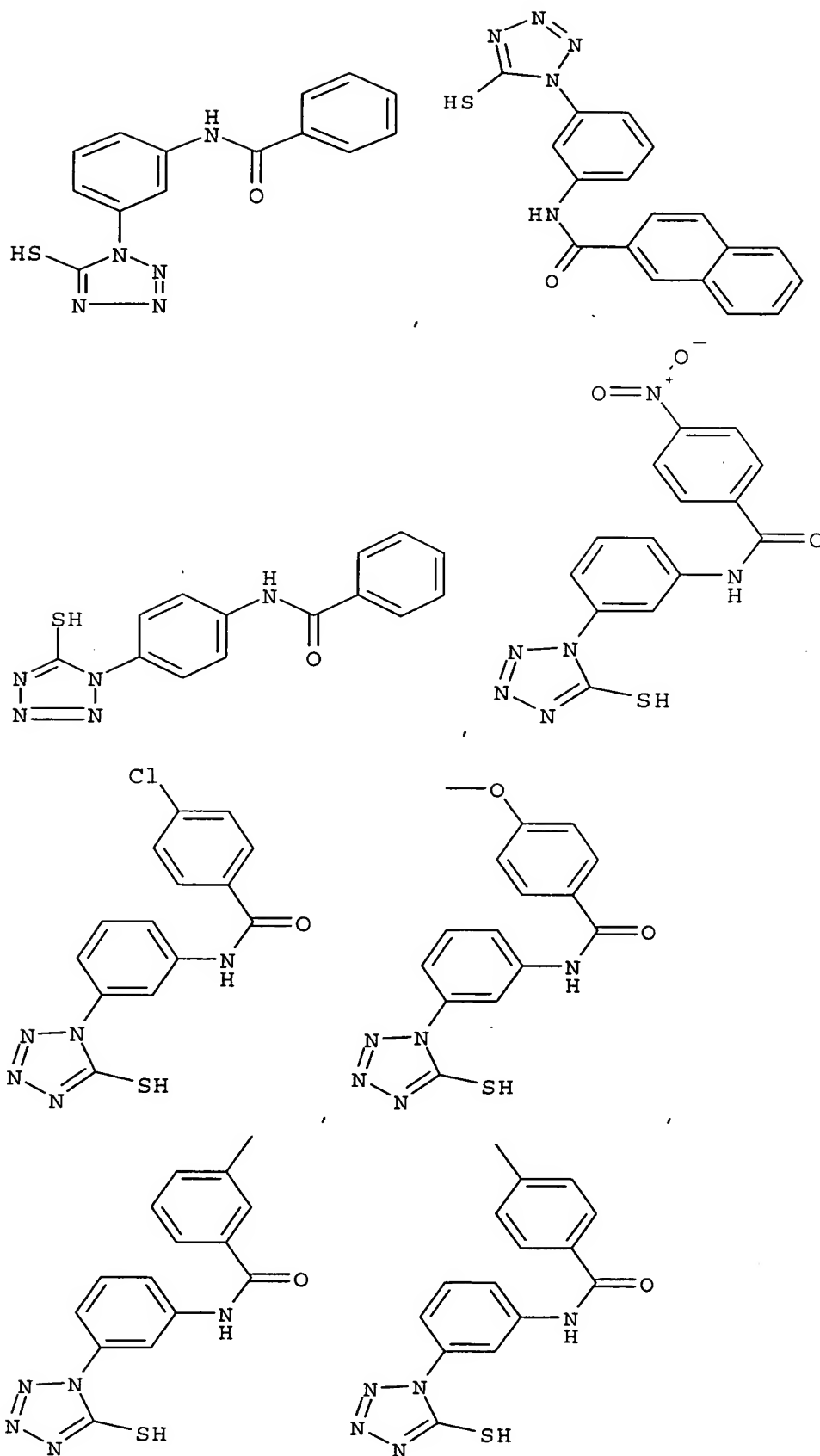
wherein  $R^1$  is  $-NH-(C=O)-Ar$ ,  $-NH-(C=O)-NH-Ar$ ,  $-NH-(C=O)-O-Ar$ ,  $-O-(C=O)-NH-Ar$ ,  $-(C=O)-NH-Ar$ ,  $-NH-SO_2-Ar$ ,  $-O-(C=O)-Ar$ ,  $-O-(C=O)-O-Ar$ ,  $-(C=O)-Ar$ ,  $-(C=O)-O-Ar$ ,  $-SO_2-Ar$ ,  $-SO_2-NH-Ar$ , or  $-Ar$ ; and  $Ar$  is an optionally substituted aryl or heteroaryl group.

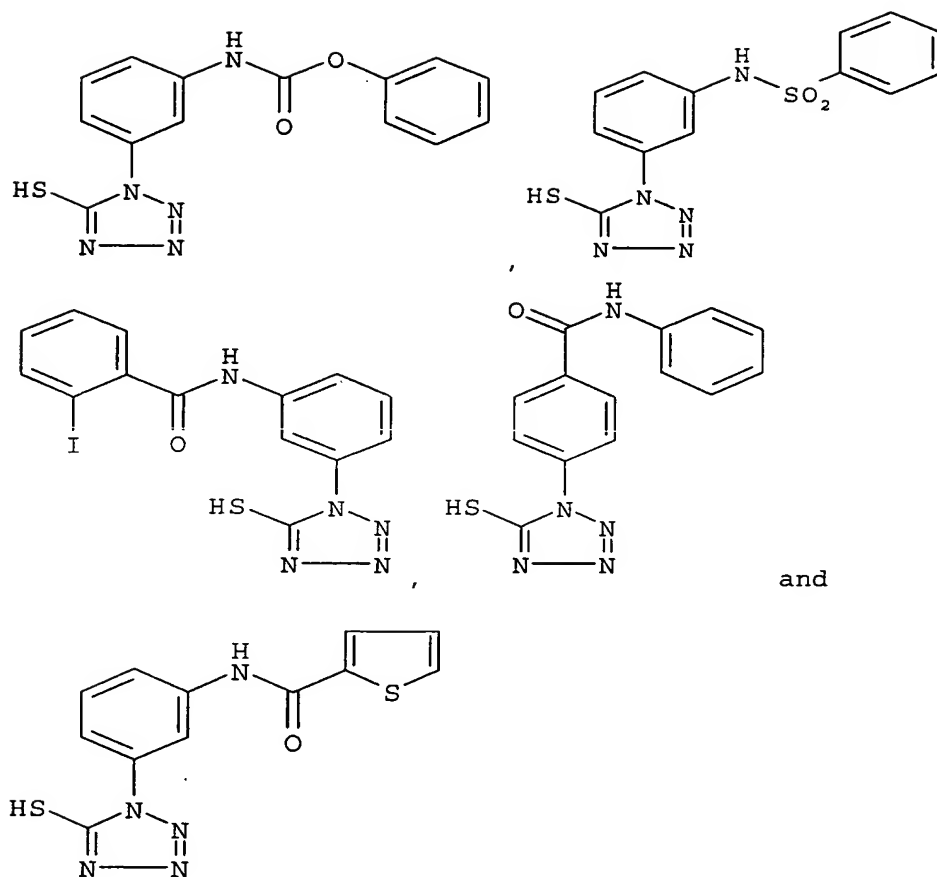
5. Substantially light-insensitive black and white monosheet thermographic recording material according to claim 1, wherein said 1-phenyl-5-mercaptotetrazole compound in which said phenyl group is substituted with a substituent containing an optionally substituted aryl group is represented by formula (II):



wherein  $R^2$  is  $-NH-(C=O)-Ar$ ,  $-NH-(C=O)-NH-Ar$ ,  $-NH-(C=O)-O-Ar$ ,  $-O-(C=O)-NH-Ar$ ,  $-(C=O)-NH-Ar$ ,  $-NH-SO_2-Ar$ ,  $-O-(C=O)-Ar$ ,  $-O-(C=O)-O-Ar$ ,  $-(C=O)-Ar$ ,  $-(C=O)-O-Ar$ ,  $-SO_2-Ar$ ,  $-SO_2-NH-Ar$ , or  $-Ar$ ; and  $Ar$  is an optionally substituted aryl or heteroaryl group.

6. Substantially light-insensitive black and white monosheet thermographic recording material according to claim 4 or 5, wherein said aryl or heteroaryl group is substituted
7. Substantially light-insensitive black and white monosheet thermographic recording material according to claim, wherein said at least stabilizer is selected from the group consisting of:





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8. Substantially light-insensitive black and white monosheet thermographic recording material according to claim 1, wherein said thermosensitive element further comprises an optionally substituted benzotriazole.